

## Coldwater Lake, Hummocks, and JRO

11:00 Arrival Time

### Before you leave

Gather chaperones and define your expectations for them during the field trip. Chaperones are responsible for helping students' complete their assigned activities and for supervising their student groups' behavior at all times. Leave your school and drive on I-5 to the Castle Rock exit #49.

Drive to the Coldwater Lake Recreation Area on State Route 504. Review the Monument's rules and regulations.

11:00 to 11:30

Upon arrival to the Coldwater Lake Recreation Area take a **lunch break**. Make sure students use the restrooms here. There are no bathrooms at the next stop.

11:30 to 11:35

Drive to the 'Hummocks Trail'. Before exiting the bus, explain the importance of students staying on the trail at all times. This is a research area. It is a privilege to be able to hike through this area. **There is a \$100 fine for anyone that walks off trail, collects rocks, plants, or animals, and for anyone that disturbs research equipment (pipes, stakes and flagging).**

11:45 to 1:45

The Hummocks Trail is a moderately difficult, 2.3-mile long loop trail that traverses through the May 18, 1980, landslide. Conduct the lesson plan posted on the teacher's corner: "Habitat Destruction and Construction". This activity examines the development of habitats on the landslide deposit.

1:45 to 2:00

Drive to the Johnston Ridge Observatory. Upon arrival have your students wait on the bus while a chaperone walks up to inform us of your arrival (we try to have the ranger waiting in the pickup drop off zone). A ranger will board your bus and review rules and behavioral expectations. Instruct the bus driver to drive to the drop off/pickup area by 2:10 to speed the loading process.

2:00 to 2:40

Students use information from exhibits inside the Observatory to complete the worksheet "Volcanoes Shake and Bake".

2:40 to 3:00

Watch the 2:40 showing of "Message from the Mountain," a 16-minute theater presentation on the May 18, 1980, eruption and subsequent dome building eruptions. **Theater doors close automatically at 2:40. No admittance after the movie begins, next show starts at 3:10.**

3:00

As students exit the theater direct them back to the bus. Depart for your school. Conduct "Volcanoes A-Z" activity en route to your school.